

Serial No.: 09/889,230

IN THE CLAIMS:

1. (Currently Amended) An optical disk reproducing device for reproducing a disk-shaped recording medium on which a recording has been made, comprising:

constant angular velocity (CAV) means for controlling a spindle motor during a start-up period from start of spin-up processing of such a disk-shaped recording medium to a read standby state.

2. (Previously Presented) The optical disk reproducing device according to claim 1, wherein said CAV means for controlling a spindle motor is for controlling the spindle motor when a disk-shaped recording medium rotates at a low speed.

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3. (Currently Amended) A method of spin-up processing for reproducing a disk-shaped recording medium on which a recording has been made, the method comprising:

controlling a spindle motor by constant angular velocity (CAV) control during a start-up period from start of spin-up processing to a read standby state;

performing servo adjustment and then acquiring a LEAD-IN final address;

conducting constant linear velocity (CLV) measurement and then setting an angular velocity of a disk-shaped recording medium to be slower than a maximum rotational speed to perform a predetermined processing; and

performing HOLD TRACK.

4. (Previously Presented) The method of spin-up processing according to claim 3, wherein setting angular velocity of a disk-shaped recording medium to be slower than a maximum rotational speed comprises setting angular velocity to be half of the maximum rotational speed.